

TECHNICAL PAPER/ABSTRACT INDEX

For presentations marked * instead of page number, please refer to the Proceedings CD-ROM.

Monday, 1:30 PM - 2:45 PM

M101	Certification of Software Quality Professionals: The Benefits of the Certified Software Quality Engineer (CSQE) Designation to You	
	<i>Certification of Software Quality Professionals: The Benefits of the Certified Software Quality Engineer (CSQE) Designation to You</i>	*
	Rufus Turpin, Carpe Diem Informatics, Inc. Doug Hamilton, Accenture Taz Daughtrey, James Madison University	
M102	Bringing Quality and Environment Together	
	<i>No material submitted at time of publication</i>	
M103	Strategies and Techniques for a Smooth and Hassle Free ISO 9001:2000 Transition	
	<i>Strategies and Techniques for a Smooth and Hassle Free ISO 9001:2000 Transition</i>	*
	Baskar Kotte, Quality Systems Enhancement, Inc.	
M104/M204	Capturing the Voice of the Customer	
	<i>No material submitted at time of publication</i>	
M105	Six Sigma and Its Application in Healthcare (Introduction/Define)	
	<i>Six Sigma and Its Application to Healthcare – The Application of Six Sigma Strategies to Medication Administration</i>	1
	Ed Chaplin, Continental Rehabilitation Hospital San Diego	
	<i>Overview of the Health Care Tract – Introduction & Define</i>	*
	Ed Chaplin, Continental Rehabilitation Hospital San Diego	
	<i>Six Sigma and Its Application in Healthcare</i>	39
	Bob King, GOAL/QPC	
M106	Risk Management in the Supply Chain	
	<i>Risk Management in the Supply Chain</i>	49
	Greg Hutchins, Quality Plus Engineering	
M107	A Systems View of Improving School Performance	
	<i>A Systems View of Improving School Performance</i>	59
	Dr. William Kiefer, School District of Lancaster	
M108	Software Validation Lifecycle in Support of 21CFR11 Compliance	
	<i>Lifecycle for Off-The-Shelf Software Validation</i>	65
	Tim Stein, Business Performance Associates	
M109	The TASK Paradigm	
	<i>Appraise The Situation – “The Task Paradigm”</i>	79
	Bud Gookins, Strategic Quality Consulting	

M110	Tales from the Master: Deming's Later Lessons on People and Change	
	<i>Stop Measuring Everything! The Instrument of Change is You, Not what You Measure</i> Janice Calnan, Calnan & Associates Ltd.	91
M111	Developing Work Instructions for Aliterate Users	
	<i>Developing Work Instructions for Aliterate Users</i> Patrick Sweeney, The Bishop Company	93
M112	Quality's Positive Outcomes in Education	
	<i>Quality's Positive Outcomes in Education</i> Allan Amos, Midland Trail Elementary School Suzanne Keely, ASQ Koalaty Kid	107
M113	International Views on Quality in Corporate Governance	
	<i>The Impact of Corporate Governance in the Quality of Management</i> Dr. Marcos E.J. Bertin, International Academy for Quality (IAQ)	111
	<i>Quality Assessments for Improvement in Corporate Governance</i> Tito Conti, Organizational Assessment Management s.a.s.	113
	<i>Corporate Governance: Quality at the Top</i> Gregory H. Watson, Business Systems Solutions, Inc.	123
M114	Value Creation for Quality Training Programs	
	<i>Value Creation for Quality Training Programs</i> Tom Huberty, St. Mary's University of Minnesota	139

Monday, 3:15 PM - 4:30 PM

M201	Software Validation in a Regulated Manufacturing Environment	
	<i>Validation of Automated Processes</i> David Chevlin, DHC Associates	*
	<i>System Safety Risk Management</i> Daniel P. Olivier, Certified Software Solutions, Inc.	*
M202	Energy, The Environment, and the UN Global Compact	
	<i>Energy, The Environment, and The UN Global Compact</i> Steven G. Brant, Trintab Management Systems	*
M203	Six Critical Control Points to Maintaining Your Environmental Management System	
	<i>No material submitted at time of publication</i>	
M205	The Voice of the Customer (Define)	
	<i>Voice of the Customer (Define): QFD to Define Value</i> Glenn Mazur, QFD Institute, University of Michigan	151
	<i>The Voice of the Customer Define (cont)</i> Ed Chaplin, Continental Rehabilitation Hospital San Diego	*

M206	Product Improvement Through Quality Service and Reliability	
	<i>Project Managers and Reliability Engineers: Improving Communication</i>	159
	David Bradt, SAIC	
	<i>The Basic Concepts of Quality Improvement During Manufacture</i>	163
	Eugene Klyatis, U.S.R. Electronics	
	<i>Effective Reliability Management for Transit System Life Cycle</i>	169
	Dakshina K. Murthy, New Jersey Transit	
	David E. Verbitsky, EEQA	
	<i>Use of Q-Q Plots for Comparing Life Data</i>	183
	Gary Wasserman, Wayne State University	
	Vijit Paul Jayasheela, MSX International	
	<i>The Development of Quantile-Quantile Plots for Comparing Life Data</i>	*
	Gary Wasserman, Wayne State University	
	Vijit Paul Jayasheela, MSX International	
M207	Strategic Learning: Corporate Universities and Organizational Improvement	
	<i>Strategic Learning: Corporate Universities and Organizational Improvement</i>	195
	Bruce Waltuck, Delaware River Port Authority of Pennsylvania and New Jersey	
M208	Integrated Performance Leadership	
	<i>Introducing Integrated Performance Leadership</i>	199
	Michael Dreikom, The IPL Group, LLC	
M209	Beyond Six Sigma/Lean: Methods to Ensure Your Organization's Health	
	<i>Beyond Six Sigma/Lean: Methods to Ensure Your Organization's Health</i>	215
	Forrest Breyfogle III, Smarter Solutions, Inc.	
	<i>Balanced Scorecards and Project Filters: Alignment for Success</i>	219
	John Breckline, Nokia Internet Communications	
M210	Expanding Pathways to Innovation	
	<i>Expanding Pathways to Innovation</i>	237
	Steven Zeisler, Zeisler Associates, Inc.	
M211	Ways to Evaluate Voice of the Customer (VOC) Information for Meaningful Improvement	
	<i>Ways to Evaluate Voice of the Customer Information for Meaningful Improvement</i>	243
	Duane J. Trojniak, RDA Group Global Market Research and Consulting	
M213	New Product Planning for Environment	
	<i>New Product Planning for Environment</i>	257
	Hiroshi Osada, Graduate School of Sustainable Society Studies, University of Yamanashi	
M214	New SPC Tools Not Found in Text Books	
	<i>SPC Tools Not Found in Text Books</i>	263
	Stephen Wise, InfinityQS SPC International, Inc.	

Tuesday, 9:45 AM - 11:00 AM

T101	HIPAA – Where Healthcare and Software Quality Meet	
	<i>HIPAA – Where Healthcare and Software Quality Meet</i>	271
	Ron Berglund, Management Resources International Peggy Bowling, LEO Management & Associates, Inc.	
T102	The New Green Acres – ISO 9000 for Farms and Ag-Business	
	<i>The New Green Acres – ISO 9000 for Farms and Ag-Business</i>	283
	Verl “Andy” Anders, Iowa State University	
	<i>AG 9000 – The Next Step in Agriculture</i>	*
	Brad Savage, KEMA USA	
T103	Barcode Technology Produces Six Sigma Labeling Results	
	<i>Barcode Technology Produces Six Sigma Labeling Results</i>	289
	John A. McNerney, Global Technical Solutions, Inc.	
T104/T204	Using the New Seven Management Tools for Quality Planning	
	<i>No material submitted at time of publication</i>	
T105	Process Management (Measure/Analyze)	
	<i>Process Management (Measure/Analyze)</i>	*
	Ed Chaplin, Continental Rehabilitation Hospital San Diego	
T106	The Implementation of the Six Sigma Process	
	<i>The Implementation of the Six Sigma Process</i>	*
	Samuel Arredondo, Jr., Continental Teves	
T107	Tools for Leadership Excellence	
	<i>No material submitted at time of publication</i>	
T108	Corporate Know-How: Managing Organizational Knowledge as a Process	
	<i>No material submitted at time of publication</i>	
T109	Applying Quality Management Tools for Feedback and Improvement	
	<i>Best of the TL 9000 Best Practices Conferences</i>	295
	Ashok Dandekar, Fujitsu Network Communications, Inc.	
	<i>Implementing ISO 9001:2000 – US Survey of Transition Experiences – Statistical Analysis</i>	297
	John Healy, Federal Communications Commission	
	<i>Quality Index for Feedback and Reliability Improvement</i>	305
	Aridaman K. Jain, Reliability Consultant	
	<i>ISO 9001:2000 “IDEAS”: Expert Responses to Key Questions</i>	313
	Sandford Liebesman, Sandford Quality Consulting, LLC	

T110	Quality Skills Training: A Roadmap for Continuous Learning	
	<i>Quality Skills Training: A Roadmap for Learning</i>	319
	Loa Olafsson McNeese, Business Process Improvement	
	Christy Morrow, Industrial Distribution Group	
T111	Achieving Excellence in Application of Control Charts	
	<i>Maximizing the Effectiveness of Control Charts: A Framework for Reacting to Out-of-Control Signals</i>	327
	Tirthankar Dasgupta, Indian Statistical Institute	
	(Presenter unable to attend conference, published for reference only.)	
	<i>Tracking Intractable Information: Monitoring Medical Device Performance</i>	339
	Barbara J. Young, Ethicon-Endo Surgery	
T113	Corrective/Preventive Actions: Simplified Process	
	<i>Corrective/Preventive Action: Simplified Process</i>	349
	Marc Macot, Mapei Inc.	
Tuesday, 11:15 AM – 12:30 PM		
T201	Software Acquisition and Supplier Management	
	<i>Software Acquisition & Supplier Management: Part 1 – Product Definition & Supplier Selection</i>	359
	Theresa Hunt, The Westfall Team	
T202	Getting Green in Design and Construction	
	<i>No material submitted at time of publication</i>	
T203	ISO/TS 16949:2002 Workshop	
	<i>No material submitted at time of publication</i>	
T205	Human Factors (Analyze Continued)	
	<i>Human Factors (Analyze Continued)</i>	*
	Ed Chaplin, Continental Rehabilitation Hospital San Diego	
T207	Leadership is Personal	
	<i>Leadership is Personal</i>	373
	Rudolph C. Hirzel, IdeaWorks	
T208	Community "Economic" Development: Creating Value in Building Community Capacity as Viable and Sustainable Futures	
	<i>Community "Economic" Development: Creating Value in Building Community Capacity as Viable and Sustainable Futures</i>	377
	Barry W. Colby, Red River College	
	<i>Quality in the Greater Community Leveraging our Quality Tools</i>	383
	Grace L. Duffy, Management and Performance Systems	

	<i>Neighborhood Development in the Kansas City Metro Area</i>	*
	Jerry Schultz, Ph.D. and Jomella Thompson, MUP, Work Group on Health Promotion and Community Development, University of Kansas	
T209	The "Human Side" of Quality	
	<i>The Human Side of Quality</i>	387
	Grace L. Duffy, Management and Performance Systems	
T210	Designing Your Customer Satisfaction Program for Actionability	
	<i>Designing Customer Satisfaction Programs for Actionability</i>	391
	William R. Barnes, Burke, Inc.	
T211	Management's Foundation for Improvement	
	<i>The Improvement Hierarchy</i>	395
	Michael V. Petrovich, Forefront Alliance, LLC	
T213	Business Excellence Practices – Dynamic Entrepreneur Leadership	
	<i>Integrated Quality Learning Model for Business Excellence</i>	403
	Geeta Bharadwaj, Indian Merchants' Chamber	
	<i>Dynamic Entrepreneur Leadership: Between Anti Management and Pro Management</i>	411
	Js. Gilberto Concepcion, JGC & Associates	
	<i>Quality Enrichment Through Employee's Participation</i>	417
	Ashok Kumar Jain, Bharat Heavy Electricals Limited	

Tuesday, 2:00 PM – 3:15 PM

T301	Maximizing Your Productivity on a Software Project: Use Case for Users	
	<i>Use Cases for Users: Maximizing Your Productivity on a Software Project</i>	*
	Carol A. Dekkers, Quality Plus Technologies, Inc.	
T302	Becoming "Greener" Through Energy Savings	
	<i>Energy Efficiency & Environment & Quality</i>	425
	Sal Hassanien, Keith A. Willis, Saied Gouda, DTE	
	<i>Energy Efficiency Improvements a Hidden Element in DTE Energy's Climate Change Action Program</i>	*
	Abed Houssari, DTE	
T303/T403	Quality "Bootcamp" – Basic Training	
	<i>Quality "Bootcamp" Basic Training</i>	431
	Jerry Bowen, Consultant	
	Jim Imboden, Consultant	
	Jim Oxenrider, Ivy Tech State College	
	R. Dan Reid, General Motors Powertrain	
T305	Lean Principles – Reducing Waste and Cycle Times (Improve)	
	<i>Lean Principles – Reducing Waste and Cycle Times</i>	*
	Anthony Manos, Chicago Manufacturing Center	

	<i>Human Factors Analyze (cont)</i>	*
	Ed Chaplin, Continental Rehabilitation Hospital San Diego	
T306	Chemical Supply Chain Productivity Improvements	
	<i>Six Sigma Deployment at DuPont</i>	*
	Steve Bailey, DuPont Global Services	
T307	Hard Times: Can Your Audit Program Survive? Thrive?	
	<i>Hard Times: Can Your Audit Program Survive? Thrive?</i>	441
	Douglas L. Berg, General Motors Powertrain	
	William M. Harral, Arch Associates LLC	
T308	Quality's Role in Product Safety and Liability Prevention	
	<i>Quality's Role in Product Liability Prevention</i>	443
	Randall Goodden, Goodden Enterprises	
	<i>Prevention & Quality Control – A Brief Introduction to Product Liability</i>	449
	Mark A. Kinzie, Stinson Morrison Hecker LLP	
T309	Progressing Global Food Safety	
	<i>HACCP and ISO Development of a Food Safety Management Standard</i>	463
	John G. Surak, Clemson University	
	<i>Progressing Global Food Safety</i>	469
	Cindy Jiang, McDonald's Corporation	
	<i>International Implementation of Seafood HACCP and Quality Systems</i>	471
	Steven Wilson, USDC Seafood Inspection Program	
T310	How to Use Graphs to Diagnose and Deal with Bad Experimental Data	
	<i>How to Use Graphs to Diagnose and Deal with Bad Experimental Data</i>	477
	Mark J. Anderson, Patrick J. Whitcomb, Stat-Ease, Inc.	
T311	Improving Your Remote Team's Performance	
	<i>Forming Virtual Teams</i>	489
	Shauna Wilson, Amazon Consulting, Inc.	
T312	Quality Management "Training to Go"	
	<i>Quality Management "Training to Go"</i>	501
	Kristie Nielsen, Weber State University	
T313	The Current Status and Future Tasks of Quality Management in Korea: A Survey Result	
	<i>The Current Status of QM in Korea: A Survey Result</i>	505
	Wan Seon Shin, School of Systems Management Engineering, Sung Kyun Kwan University	

Tuesday, 4:00 PM – 5:15 PM

T401	Measuring Quality – Best Practice Approaches	
	<i>Measuring Software Quality: Best Practice Approaches</i>	*
	Taz Daughtrey, James Madison University	
T402	Combining QMS and EMS Auditing for Small-to-Medium Enterprises	
	<i>Combining QMS and EMS Auditing for Small-to-Medium Enterprises</i>	*
	Ann W. Phillips, Quality Techniques	
T405	Reliability, Mistake Proofing and FMEA (Improve Even More)	
	<i>Reliability/Mistake-Proofing Using Failure Mode and Effect Analysis (FMEA)</i>	515
	John Terninko, Responsible Management, Inc.	
	<i>Reliability, Mistake Proofing & FMEA (improve even more)</i>	*
	Ed Chaplin, Continental Rehabilitation Hospital San Diego	
T406	Supplier Certification: Strengthening the Supply Chain	
	<i>Supplier Certification: Strengthening the Chain</i>	527
	Richard A. Gould, Performance Strategies International	
T407	Reducing Costs with Project Management Systems	
	<i>ISO 9001:2000 Interpretive Guide for The Design and Construction Project Team</i>	533
	John R. Broomfield, Quality Management International, Inc.	
	<i>Lean Construction: A New Approach to Managing Projects</i>	*
	Gregory A. Howell, P.E., Lean Construction Institute	
T408	The ISO Standards and Innovation: A View to the Future	
	<i>No material submitted at time of publication</i>	
T409	Lean Manufacturing Building Blocks	
	<i>Lean Manufacturing Building Blocks</i>	*
	Anthony Manos, Chicago Manufacturing Center	
T410	Which Control Chart Do I Use and Where Should I Use Them?	
	<i>Control Charts in the Comptrollers Office (and Other Peculiar Places)</i>	535
	Robert Gerst, Converge Consulting Group	
	<i>Which Control Chart Do I Use?</i>	547
	William J. Latzko, Latzko Associates	
T411	ISO 9000:2000 Less Procedures and More Planning	
	<i>ISO 9000:2000 Less Procedures and More Planning</i>	557
	Peter Merrill, Quest Management Services	
T412	TL 9000/ISO 9001:2000 Two for the Price of One	
	<i>Transition from ISO 9000 to TL 9000</i>	*
	Ashok Dandekar, Fujitsu Network Communications, Inc.	

Registration for ISO 9000:2000 & TL 9000 Simultaneously
Bryan H. Glutting, Atlanta Cable Sales

*

TL 9000 – A Foundation for Strategic Supply Chain Management
Jeff Harpe, Nortel Networks

*

T413 Santa Casa de Porto Alegre – Hospital Complex: From the 1980's Revival to World Class on its 200th Anniversary

From Revival in 1980 to the National Award in 2002: Santa Casa of Porto Alegre – Hospital 567
Ricardo Minotto, Jaques Bacaltchuk, Paulo Cirne Lima, Santa Casa de Porto Alegre – Hospital

Wednesday, 9:15 AM – 10:30 AM

W101 Trains, Planes and Automobiles – What's the Connection to Software Quality?

Formalization of Embedded System Development: History and Present 581
John Pawlicki, Electronic Data Systems

Planes, Trains, and Automobiles – What's the Connection to Software Quality? 589
Tony Baghai, Enea TekSci

W102 Community Outreach for Environmental Management

Community Outreach for Environmental Management: The Missouri Environmental Management Partnership 601
James F. Penfold, Missouri Department of Natural Resources

W103 MSA – "The Third Time is a Charm"

No material submitted at time of publication

W104 Quality and Globalization: Creating Prosperity for all in the 21st Century

Quality and Globalization: Creating Breakthrough Prosperity in the 21st Century 607
Steven G. Brant, Trimtab Management Systems

W105 Building a Quality Management System

ISO 9000 & IWA-1 Implementation in Healthcare, The Good and Not-So-Good 615
Ralph Daniel Reid, General Motors Powertrain
Marvin M. Christensen, TQM Systems

Control QMS *
Ed Chaplin, Continental Rehabilitation Hospital San Diego

W106 Making QCE Real – How We Achieved New Heights in Our Customer-Supplier Relationships

Making Quality Customer Experience Real: How We Achieved New Heights in Our Customer-Supplier Relationships 617
Bill Thomas, Centric Performance, LLC

W107 Pushing the Envelope of Quality and Performance – a New Horizon?

Pushing the Envelope of Quality and Performance – A New Horizon? *
Joe DeFeo, Juran Institute Inc.

W108	Delivering Bottom Line Results	
	<i>Cost of Quality: Why More Organizations Do Not Use it Effectively</i>	625
	Victor E. Sower, Ross Quarles, Sam Houston State University	
	<i>Quality Costs: Introduction and Getting Started – A New CD from the Quality Costs Committee</i>	639
	Nick A. Shepherd, EduVision Inc.	
W109	Six Sigma Trials, Tribulations, and Lessons Learned	
	<i>Six Sigma Implementation: Trials, Tribulations & Lessons Learned</i>	643
	Shankar T. Lakhavani, Eaton Corp., Cutler-Hammer Inc.	
W110	Lean Production Transformation in the Internal and External Supply Chains at Boeing	
	<i>The Boeing Journey to Excellence: Lean Production Transformation in the Internal and External Supply Chains at Boeing</i>	649
	Don A. Blake, Boeing Commercial Airplanes Group	
	John F. Eash, Boeing Integrated Defense Systems	
W111	Optimized Process Modeling	
	<i>Optimized Process Modeling</i>	661
	Gregory E. Rahn, Trifinity LLC	
W113	The Recent Movement Toward Excellence in Israel	
	<i>Improving Quality in the Public Service in Israel</i>	671
	Sergiu Samuel, Israel Society for Quality (ISQ)	
	<i>Quality Movement in Israel</i>	679
	Zigmund Bluvband, ALD	
	David Weinreb, Motorola	

AUTHORS/SPEAKERS INDEX

A

Amos, Allan	107
Anders, Verl "Andy"	283
Anderson, Mark J.	477

B

Bacaltchuk, Jaques	567
Baghai, Tony	589
Barnes, William R.	391
Berg, Douglas L.	441
Berglund, Ron	271
Bertin, Marcos E.J.	111
Bharadwaj, Geeta	403
Blake, Don A.	649
Bluvband, Zigmund	679
Bowen, Jerry	431
Bowling, Peggy	271
Bradt, David	159
Brant, Steven G.	607
Breckline, John	219
Breyfogle III, Forrest	215
Broomfield, John R.	533

C

Calnan, Janice	91
Chaplin, Ed	1
Christensen, Marvin M.	615
Colby, Barry W.	377
Concepcion, Js. Gilberto	411
Conti, Tito	113

D

Dandekar, Ashok	295
Dasgupta, Tirthankar	327
Dreikorn, Michael	199
Duffy, Grace L.	383, 387

E

Eash, John F.	649
--------------------	-----

G

Gerst, Robert	535
Goodden, Randall	443
Gookins, Bud	79
Gouda, Saied	425
Gould, Richard A.	527

H

Harral, William M.	441
Hassanien, Sal	425
Healy, John	297
Hirzel, Rudolph C.	373
Huberty, Tom	139
Hunt, Theresa	359
Hutchins, Greg	49

I

Imboden, Jim	431
--------------------	-----

J

Jain, Aridaman K.	305
Jain, Ashok Kumar	417
Jayasheela, Vijit Paul	183
Jiang, Cindy	469

K

Keely, Suzanne	107
Kiefer, William	59
King, Bob	39
Kinzie, Mark A.	449
Klyatis, Eugene	163

L

Lakhavani, Shankar T.	643
Latzko, William J.	547
Liebesman, Sandford	313
Lima, Paulo Cirne	567

M

Macot, Marc	349
Mazur, Glenn	151
McInerney, John A.	289
McNeese, Loa Olafsson	319
Merrill, Peter	557
Minotto, Ricardo	567
Morrow, Christy	319
Murthy, Dakshina K.	169

N

Nielsen, Kristie	501
------------------------	-----

O

Osada, Hiroshi	257
Oxenrider, Jim	431

P

Pawlicki, John	581
Penfold, James F.	601
Petrovich, Michael V.	395

Q

Quarles, Ross	625
---------------------	-----

R

Rahn, Gregory E.	661
Reid, Ralph Daniel	431, 615

S

Samuel, Sergiu	671
Shepherd, Nick A.	639
Shin, Wan Seon	505
Sower, Victor E.	625
Stein, Tim	65
Surak, John G.	463
Sweeney, Patrick	93

T

Terninko, John	515
Thomas, Bill	617
Trojniak, Duane J.	243

V

Verbitsky, David E.	169
--------------------------	-----

W

Waltuck, Bruce	195
Wasserman, Gary	183
Watson, Gregory H.	123
Weinreb, David	679
Whitcomb, Patrick J.	477
Willis, Keith A.	425
Wilson, Shauna	489
Wilson, Steven	471
Wise, Stephen	263

Y

Young, Barbara J.	339
------------------------	-----

Z

Zeisler, Steven	237
-----------------------	-----

